

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1 | 1907 | (tube or tubular) and (grip\$4) and (jaws) and (rotate\$4).clm. | US-PGPUB; USPAT | OR | OFF | 2007/05/10 08:42 |
| L2 | 377 | (tube or tubular) same (grip\$4) same(jaws) and (rotate\$4).clm. | US-PGPUB; USPAT | OR | OFF | 2007/05/10 08:42 |
| L3 | 0 | (tube or tubular) same (grip\$4) same(jaws) same (rotate\$4)same (formation with fragments).clm. | US-PGPUB; USPAT | OR | OFF | 2007/05/10 08:44 |
| L4 | 0 | (tube or tubular) same (grip\$4) same(jaws) same (rotate\$4)and(formation with fragments).clm. | US-PGPUB; USPAT | OR | OFF | 2007/05/10 08:44 |
| L5 | 0 | (tube or tubular) same (grip\$4) same(jaws) and (rotate\$4)and(formation with fragments).clm. | US-PGPUB; USPAT | OR | OFF | 2007/05/10 08:44 |
| L6 | 377 | (tube or tubular) same (grip\$4) same(jaws) and (rotate\$4).clm. | US-PGPUB; USPAT | OR | OFF | 2007/05/10 08:44 |
| L7 | 125 | (tube or tubular) same (grip\$4) same(jaws) and (rotate\$4)and(tissue).clm. | US-PGPUB; USPAT | OR | OFF | 2007/05/10 08:45 |
| L8 | 4 | (tube or tubular) same (grip\$4) same(jaws) and (rotate\$4)and(tissue)and (formation).clm. | US-PGPUB; USPAT | OR | OFF | 2007/05/10 08:45 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S1 | 165 | 606/159,157,205,210,211.ccls.and (working adj end or working adj head or burr) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/26 13:44 |
| S2 | 45 | S1 and (jaw\$1 or effect\$4 adj end\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2002/08/07 16:08 |
| S3 | 0 | S1 and trigger and eyepiece and light and cock | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2002/08/07 16:09 |
| S5 | 0 | S1 and trigger and cock | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2002/08/07 16:11 |
| S6 | 1 | S2 and eyepiece and light | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2002/08/07 16:11 |
| S7 | 2 | "6623489".PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/05 15:51 |
| S8 | 5 | ("5582617" "5667472" "5782834" "6206898" "6398798").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/05 15:55 |
| S9 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/01/05 15:56 |
| S10 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/01/05 15:56 |
| S11 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/01/05 15:57 |
| S12 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/01/05 16:02 |
| S13 | 6 | Cherfas with daniel.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/05 16:05 |

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| S14 | 6 | cherfas with marika.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/05 16:05 |
| S15 | 2 | "6623489".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/05 16:06 |
| S16 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/01/05 16:10 |
| S17 | 2191 | 606/106,128,205,207.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/05 16:30 |
| S18 | 1203 | S17 and @pd<"20010711" | USPAT | OR | OFF | 2007/01/05 16:38 |
| S19 | 88 | ("128"/\$.ccls.) and (tube or tubular) and (grip\$4) and (jaws) and (rotate\$4) | USPAT | OR | OFF | 2007/01/05 16:38 |
| S20 | 60 | S19 and @pd<"20010711" | USPAT | OR | OFF | 2007/01/05 16:38 |
| S21 | 60 | S19 and @pd<"20010711" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/05 16:38 |
| S22 | 2 | "6398798".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/18 11:39 |

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|-----|----|--|--|----|-----|------------------|
| S23 | 92 | ("0832201" "1127948" "1267066" "2621651" "3640270" "3667474" "4043323" "4355643" "4541433" "4572186" "4585000" "4630609" "4648402" "4669467" "4681110" "4698057" "4723549" "4737142" "4787388" "4794928" "4848336" "4862874" "4919112" "5001556" "5011488" "5019040" "5030201" "5034001" "5089006" "5092839" "5098381" "5099850" "5100425" "5102390" "5114414" "5156594" "5179961" "5180368" "5192290" "5193546" "5197971" "5209729" "5211654" "5217484" "5263959" "5263963" "5279565" "5282817" "5304199" "5321501" "5334210" "5336252" "5350377" "5351678" "5383467" "5409453" "5415636" "5423846" "5439000" "5456667" "5459570" "5484412" "5486170" "5486193" "5490859" "5499995" "5501694" "5507295" "5507296" "5511559" "5522819" "5540707" "5556408" "5573531" "5599306" "5618300" "5626599" "5626607" "5653684" "5688234" "5707390" "5713907" "5766151" "5800450" "5816923" "6010449" "6015423" "RE32158").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/01/18 11:42 |
| S24 | 6 | ("5782834" "6398798" "6623489"). PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/25 15:23 |
| S25 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/04/25 15:24 |
| S26 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/04/25 15:25 |
| S27 | 5 | ("5582617" "5667472" "5782834" "6206898" "6398798").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/25 15:25 |
| S28 | 1 | "6623489".pn. | USPAT | OR | OFF | 2007/04/26 13:44 |
| S29 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/04/26 13:49 |
| S30 | 0 | ("6623489").URPN. | USPAT | OR | OFF | 2007/04/26 13:49 |

EAST Search History

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|-----|---|--|------------------------------|----|-----|------------------|
| S31 | 5 | ("5582617" "5667472" "5782834" "6206898" "6398798").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/26 13:59 |
| S32 | 1 | "4838259".pn. | USPAT | OR | OFF | 2007/04/26 13:59 |